

The Board on Research Data and Information (BRDI)

**NSF Principal Investigators Meeting for DataNet and INTEROP
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Board on Research Data and Information

The Board's *mission* is to improve the stewardship, policy, and use of digital data and information for science and the broader society.

Formed in 2008, the Board interacts broadly with federal agency sponsors and the various stakeholders in the research community to make progress on the research data and information priorities that are essential for our nation's future. The Board also represents to the US National Committee for CODATA, an interdisciplinary committee of ICSU.

The Board is co-chaired by Fran Berman, RPI, and Clifford Lynch, Coalition for Networked Information. It has 20 senior members from academia and industry, and 5 staff.

Federal science and informatics agency sponsors currently include: NSF, NIH, NIST, NOAA, IMLS, USGS, and the Library of Congress.

Board on Research Data and Information

BRDI undertakes the following tasks within its primary mission areas:

- Addresses emerging issues in the management, policy, and use of research data and information at the national and international levels.
- Through studies and reports of the National Research Council, provides independent and objective advice, reviews of programs, and assessment of priorities concerning research data and information activities for its sponsors.
- Encourages and facilitates collaboration across disciplines, sectors, and nations with regard to common interests in research data and information activities.
- Monitors, assesses, and contributes to the development of U.S. government and research community positions on research data and information programs and policies.
- Initiates or responds to requests for consensus studies, workshops, conferences, and other activities within the Board's mission, and provides oversight for the activities performed under the Board's auspices.
- Broadly disseminates and communicates the results of the Board's activities to its stakeholders and to the general public.

Board on Research Data and Information

Recently completed projects:

- *U.S.-China Roundtable on Scientific Data Cooperation* (2006-2011)
- *Symposium on Common Use Licensing of Publicly Funded Scientific Data and Publications* (held in Beijing and Taipei, March 2009)
- *International Workshop on the Socioeconomic Effects of Public Sector Information on Digital Networks: Toward a Better Understanding of Different Access and Reuse Policies* (report published in June 2009)
- *Symposium on the Data Sharing Plans for GEOSS and on the Benefits of Data Sharing for Science* (with the Group on Earth Observations, November 2009)
- *International Symposium on Designing the Microbial Research Commons: New Strategies for Accessing, Managing, and Using Essential Public Knowledge Assets* (report published in September 2011)

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Ongoing projects:

- *Board meetings and public mini-symposia on select topics* (ongoing -- twice per year)
- *U.S. Committee for CODATA* (ongoing -- represents the US interests to the international CODATA on interdisciplinary scientific data issues, including participation in conferences and Task Groups)
- *Forum on CODATA-World Data System Cooperation* (meeting series)
- *BRDI Sponsor Forum* (meeting series)
- *National Symposium and Workshop on the Future of Scientific Knowledge Discovery in Open Networked Environments* (held March 2011, report due spring 2012)
- *International Symposium on The Case for International Sharing of Scientific Data—A Focus on Developing Countries* (held April 2011, report due 2012)
- *Developing Data Attribution and Citation Practices and Standards* (2011-2013, with two reports)
- *Future Career Opportunities and Educational Requirements for Digital Curation—A Consensus Study* (2011-2013)

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Planned projects, 2012-2013

- *Sustainability Strategies for Publicly Funded Research Databases—A Consensus Study*
- *Research Data as Intellectual Property: How the Law Influences Data Sharing—A National Symposium and Workshop*
- *Global Research-data Access Interoperability and Policies* (with an EU group, if approved)
- *The Value and Impact of Public Scientific Data*

See www.nas.edu/brdi for more information about the projects funded by NSF OCI.